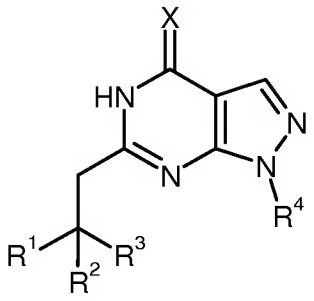
This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) A compound of the formula



(I),

in which

R^1 is C_1-C_6-alkyl, trifluoromethyl, hydroxy, C_1-C_6-alkoxy, -C(=O)OR^5 or -C(=O)NR^6R^7, where ~~C_1-C_6-Alkyl~~ C_1-C_6-alkyl is optionally substituted by 1 to 3 radicals independently of one another selected from the group of hydroxy, C_1-C_6-alkoxy, halogen, trifluoromethyl, trifluoromethoxy, -C(=O)OR^5 or -C(=O)NR^6R^7, and

R^5 is C_1-C_6-alkyl,

R^6 and R^7 are independently of one another hydrogen, C_6-C_{10}-aryl, C_1-C_6-alkyl, or

together with the nitrogen atom to which they are bonded form a 4- to 10-membered heterocyclyl,

R^2 is hydrogen, C_1-C_6-alkyl, trifluoromethyl, C_1-C_6-alkoxy,

or

R^1 and R^2 together with the carbon atom to which they are bonded form C_3-C_8-cycloalkyl, C_3-C_8-cycloalkenyl or 4- to 10-membered heterocyclyl, which are optionally substituted by up to 2 substituents from the group of C_1-C_6-alkyl, C_1-C_6-alkoxy, hydroxy, oxo, -C(=O)OR^8, and

R^8 is C_1-C_6-alkyl or benzyl,

R^3 is hydrogen or C_1-C_6-alkyl,

R^4 is pentan-3-yl or C_3-C_6-cycloalkyl,

X is oxygen or sulfur,

and the ~~salts, solvates and/or solvates of the~~ salts thereof.

2. (Currently amended) A compound as claimed in claim 1, wherein

R^1 is C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, -C(=O)OR^5 or -C(=O)NR^6R^7, where C_1-C_6-alkyl is optionally substituted by hydroxy, C_1-C_6-alkoxy, -C(=O)OR^5 or -C(=O)NR^6R^7, and

R^5 is C_1-C_6-alkyl,

R^6 and R^7 are independently of one another hydrogen, C_6-C_{10}-aryl, C_1-C_6-alkyl, or together with the nitrogen atom to which they are bonded form a 4- to 10-membered heterocyclyl,

R^2 is hydrogen, C_1-C_6-alkyl, C_1-C_6-alkoxy,

or

R^1 and R^2 together with the carbon atom to which they are bonded form C_3-C_8-cycloalkyl, C_3-C_8-cycloalkenyl or 4- to 10-membered heterocyclyl, which are optionally substituted by up to 2 substituents from the group of C_1-C_6-alkyl, C_1-C_6-alkoxy, hydroxy, oxo, -C(=O)OR^8, and

R^8 is C_1-C_6-alkyl or benzyl,

R^3 is hydrogen or C_1-C_6-alkyl,

R^4 is pentan-3-yl or C_4-C_6-cycloalkyl,

X is oxygen or sulfur,

and the ~~salts, solvates and/or solvates of the~~ salts thereof.

3. (Currently amended) A compound as claimed in claim 1, where

R^1 is C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, -C(=O)OR^5 or -C(=O)NR^6R^7, where C_1-C_4-alkyl is optionally substituted by hydroxy, trifluoromethyl, C_1-C_4-alkoxy, -C(=O)OR^5 or -C(=O)NR^6R^7, and

R^5 is C_1-C_4-alkyl,

R^6 and R^7 are independently of one another hydrogen, phenyl, C_1-C_4-alkyl, or

together with the nitrogen atom to which they are bonded form a 5- to 6-membered heterocyclyl,

R^2 is hydrogen, C_1-C_4-alkyl, trifluoromethyl, C_1-C_4-alkoxy,

or

R^1 and R^2 together with the carbon atom to which they are bonded form C_5-C_6-cycloalkyl, C_5-C_6-cycloalkenyl or 5- to 6-membered heterocyclyl, which are optionally substituted by up to 2 substituents from the group of C_1-C_4-alkyl, C_1-C_4-alkoxy, hydroxy, oxo, -C(=O)OR^8, and

R^8 is C_1-C_4-alkyl or benzyl,

R^3 is hydrogen,

R^4 is pentan-3-yl or C_5-C_6-cycloalkyl,

X is oxygen or sulfur,

and the ~~salts, solvates and/or solvates of the~~ salts thereof.

4. (Currently amended) A compound as claimed in claim 1, where

R^1 is methyl, ethyl, isopropyl, trifluoromethyl, methoxycarbonyl, ethoxycarbonyl or -C(=O)NR^6R^7, where methyl is optionally substituted by methoxycarbonyl or ethoxycarbonyl, and

R^6 is phenyl and

R^7 is hydrogen,

R^2 is hydrogen, methyl, trifluoromethyl, or

R^1 and R^2 together with the carbon atom to which they are bonded form cyclopentyl, cyclohexyl, cyclopentenyl or tetrahydrofuryl, where cyclohexyl is optionally substituted by methyl, and

R^3 is hydrogen,

R^4 is pentan-3-yl or C_5-C_6-cycloalkyl,

X is oxygen or sulfur,

and the ~~salts, solvates and/or solvates of the~~ salts thereof.

5. (Currently amended) A compound as claimed in claim 1, where

R^1 is methyl, ethyl, isopropyl, methoxycarbonyl, ethoxycarbonyl or $-C(=O)NR^6R^7$, where methyl is optionally substituted by methoxycarbonyl or ethoxycarbonyl, and

R^6 is phenyl and

R^7 is hydrogen,

R^2 is hydrogen, methyl, or

R^1 and R^2 together with the carbon atom to which they are bonded form cyclopentyl, cyclohexyl, cyclopentenyl or tetrahydrofuryl, where cyclohexyl is optionally substituted by methyl, and

R^3 is hydrogen,

R^4 is pentan-3-yl or C_5-C_6-cycloalkyl,

X is oxygen,

and the ~~salts, solvates and/or solvates of the~~ salts thereof.

6. (Cancelled).

7. (Cancelled).

8. (Currently Amended) A pharmaceutical composition comprising at least one of the compounds as claimed in any of claims 1 to 5 and at least one pharmaceutically acceptable, essentially nontoxic carrier or ~~excipients~~ excipient.

9. (Cancelled).

10. (Cancelled).

11. (Cancelled).

12. (Cancelled).

13. (Cancelled).

14. (Cancelled).